

Figure 1

2/24

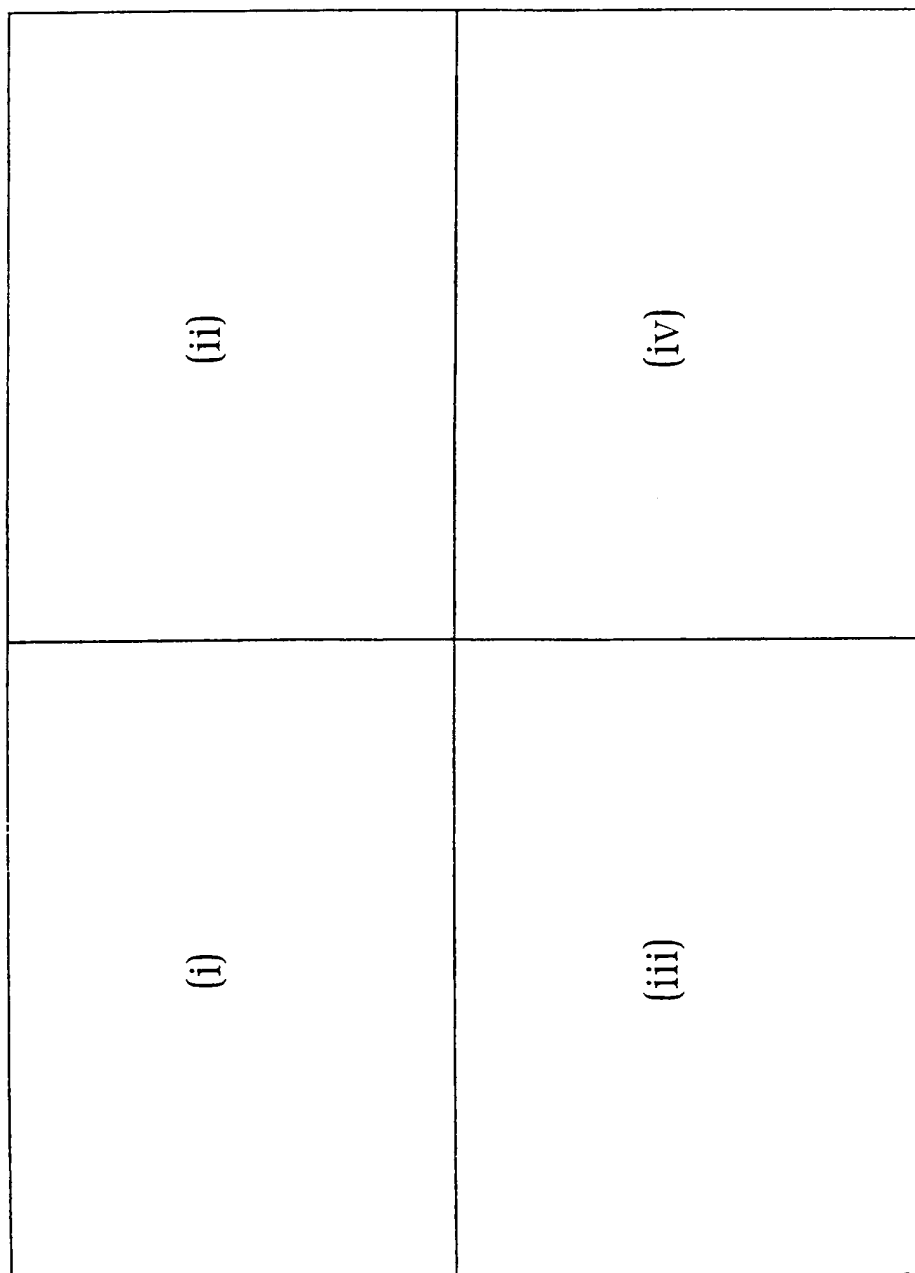


Figure 2

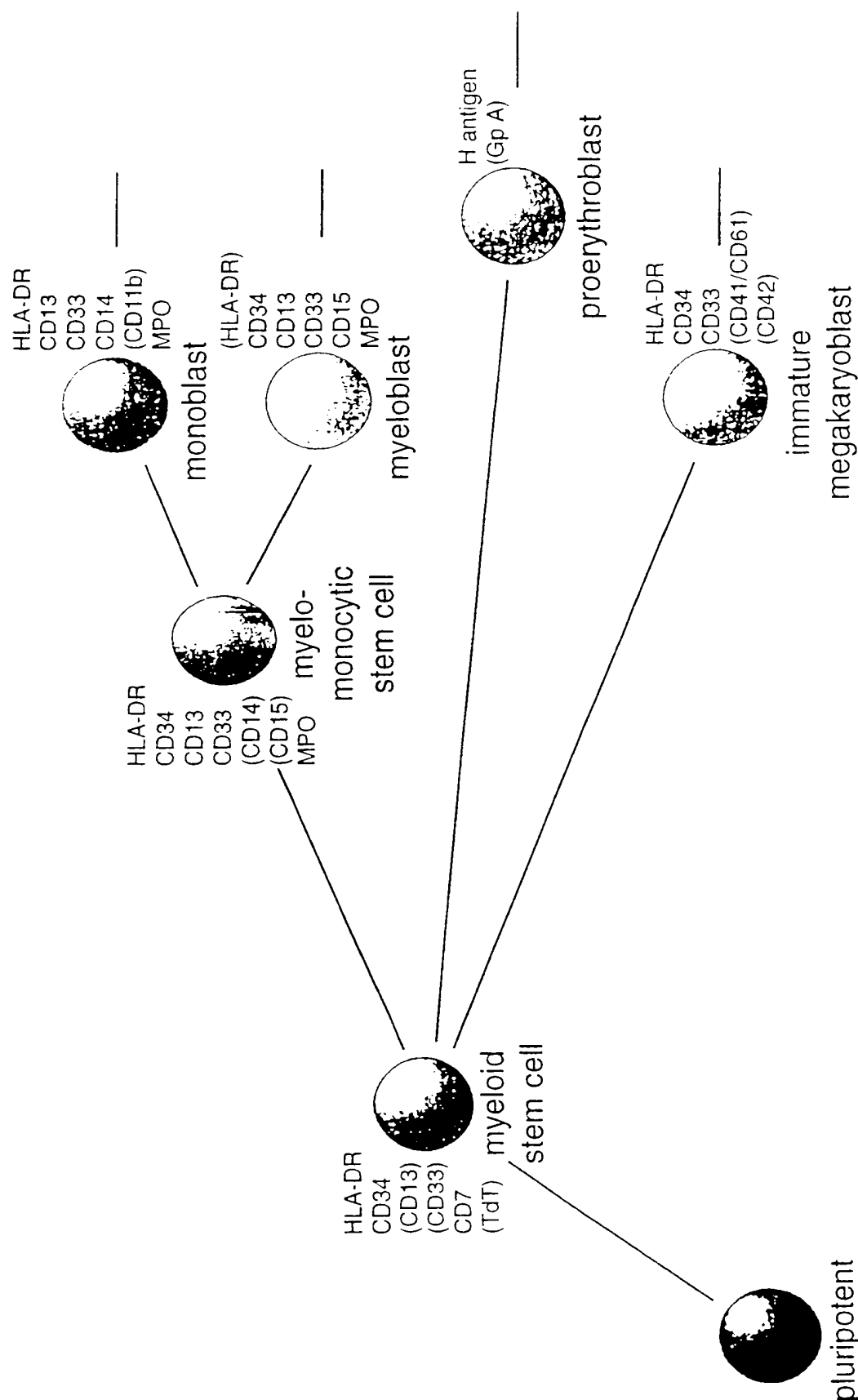


Figure 2 (i)

4/24

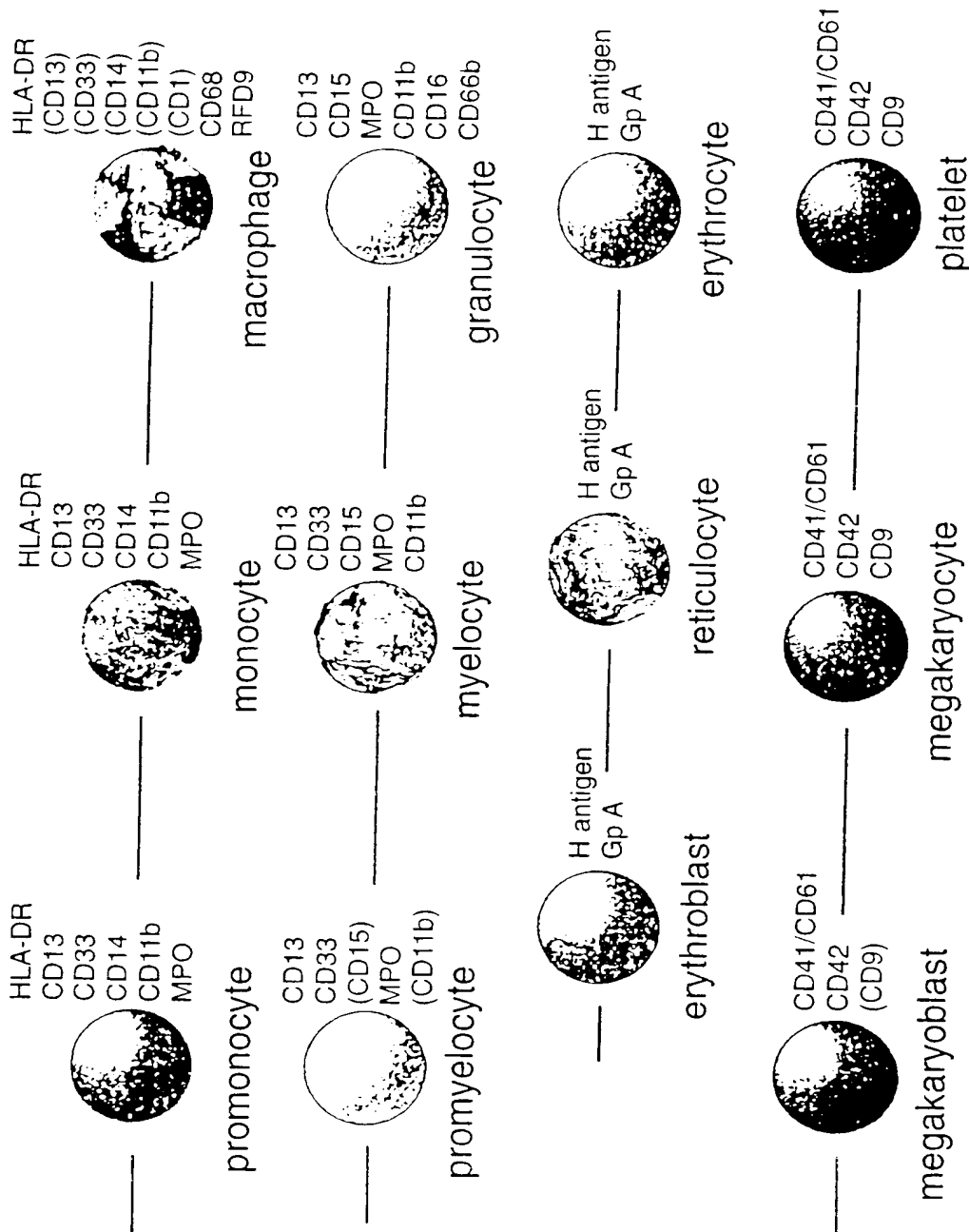


Figure 2 (ii)

5/24

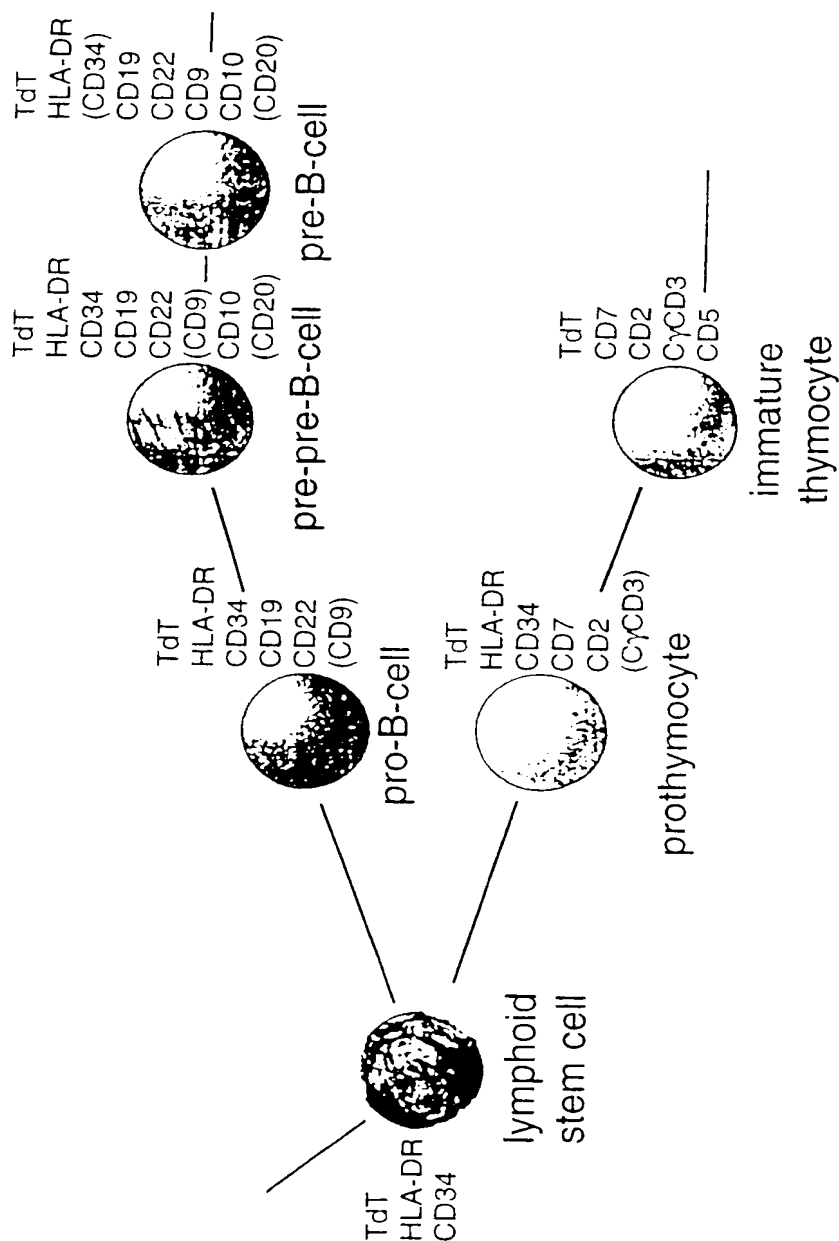


Figure 2 (iii)

6/24

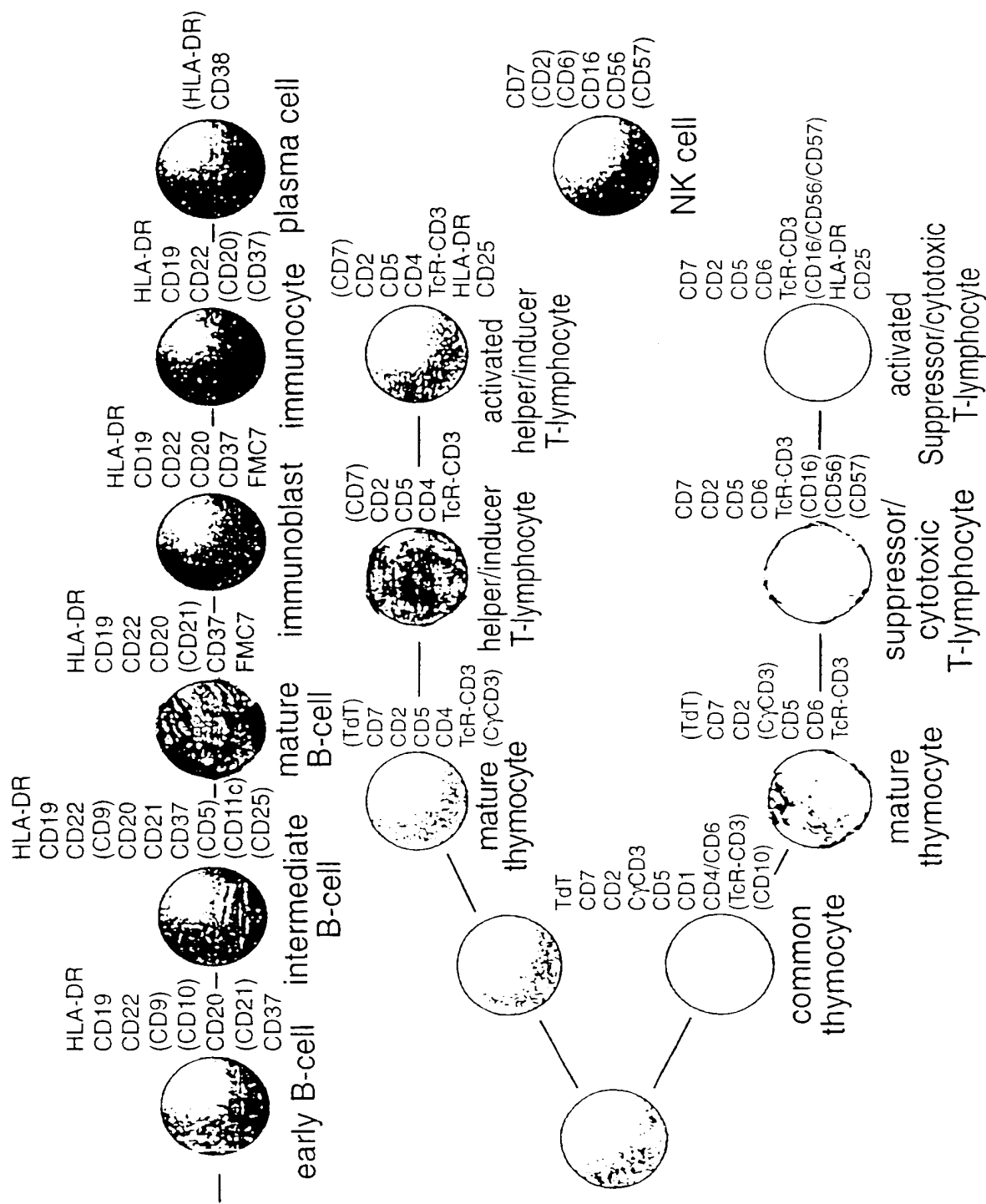


Figure 2 (iv)

7/24

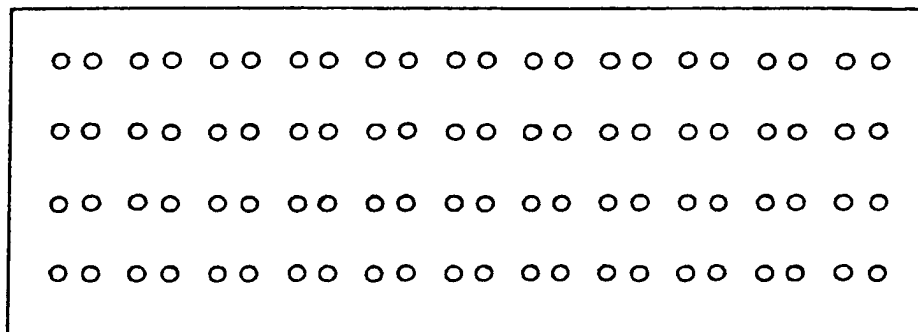


Figure 3a

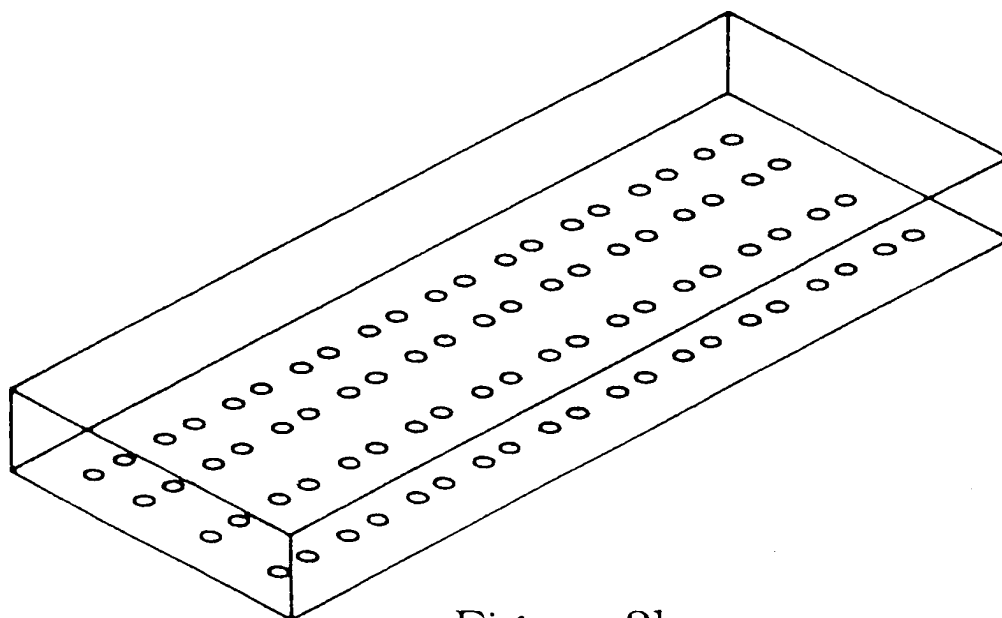
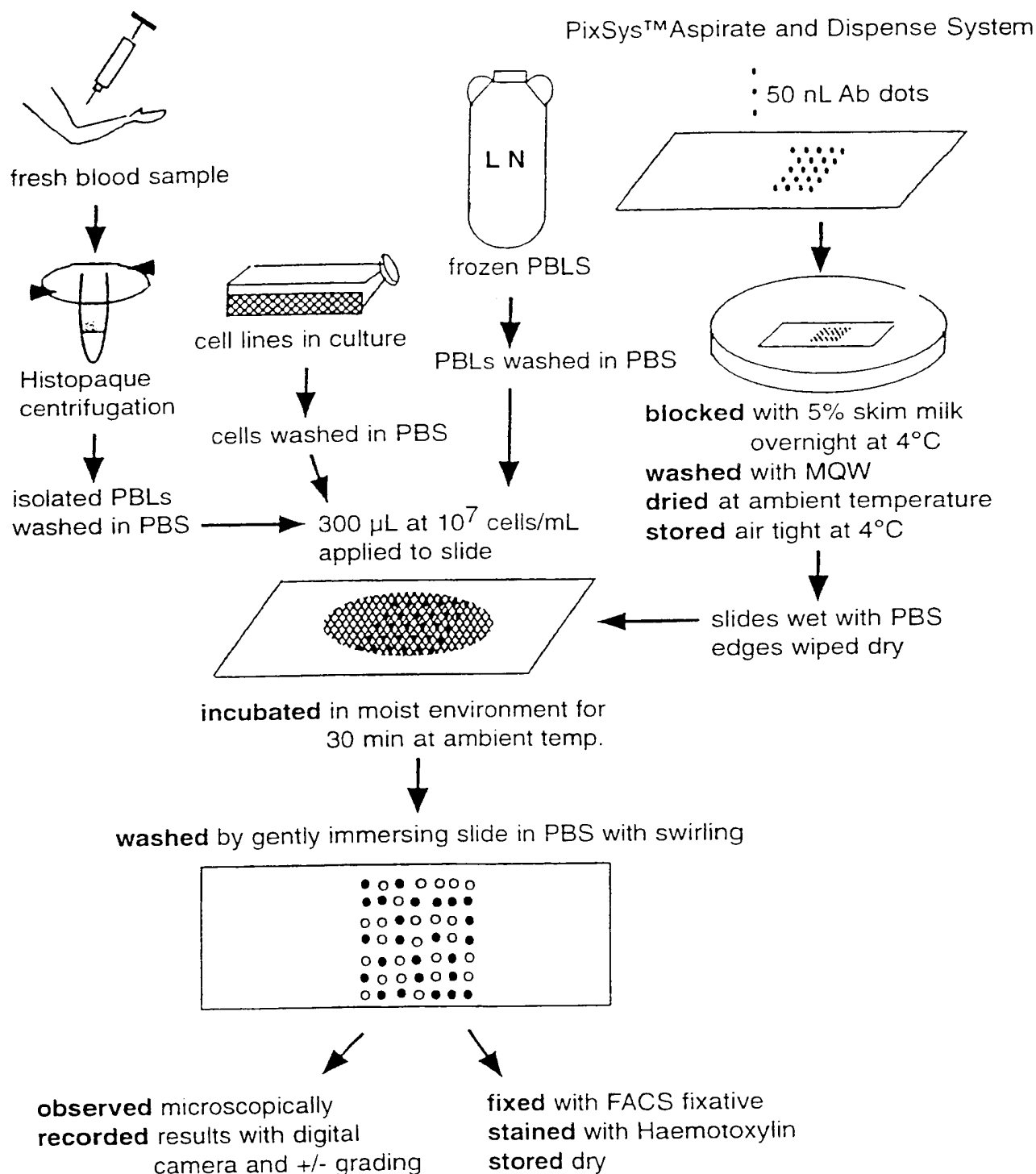


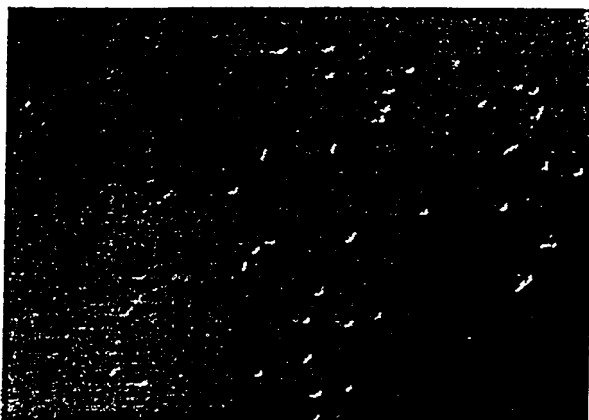
Figure 3b



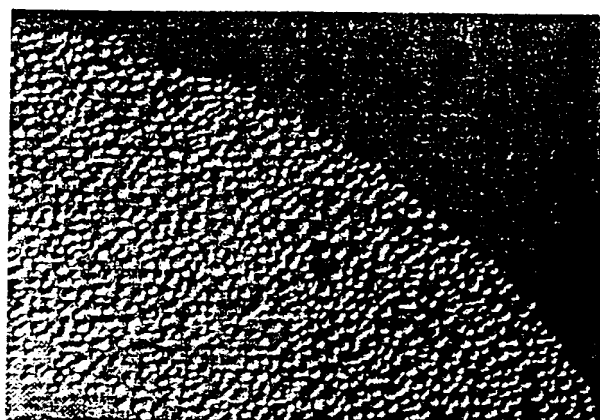
Flow diagram for the antibody array procedure

Figure 4

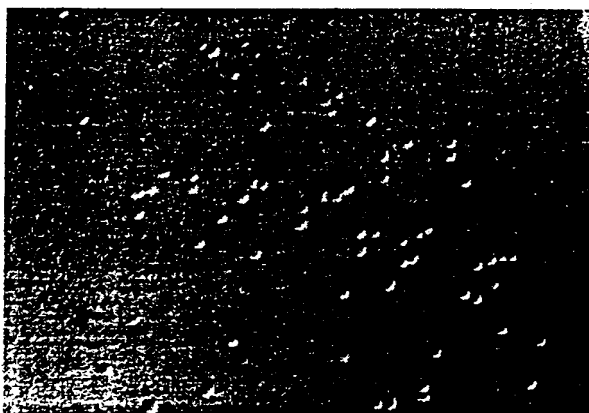
CEM CELL ARRAY: T-cell ALL
Nomarski images



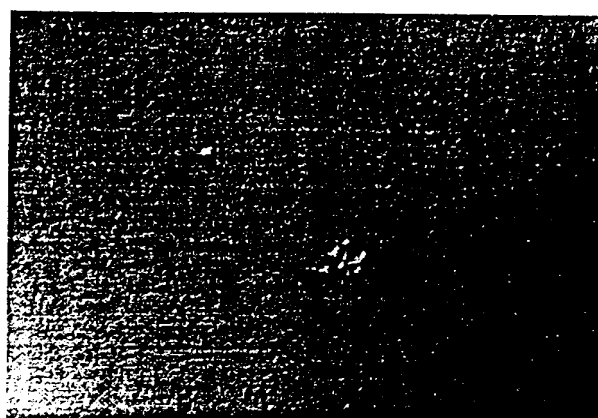
CD3 antibody dot binding a low number of CD3+ cells.



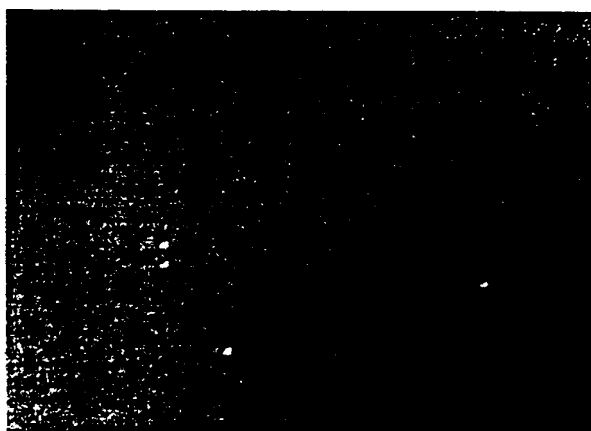
The distinct boundary of a CD4 antibody dot binding CD4+ cells.



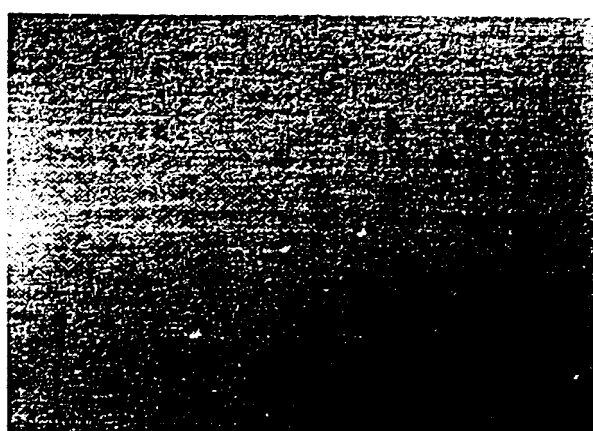
CD8 antibody dot binding a low number of CD8+ cells.



CD14 antibody dot is negative.



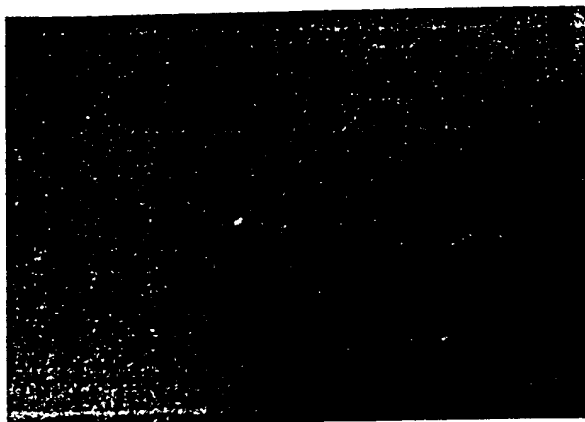
CD19 antibody dot is negative.



CD56 antibody dot is negative.

mag. x 20

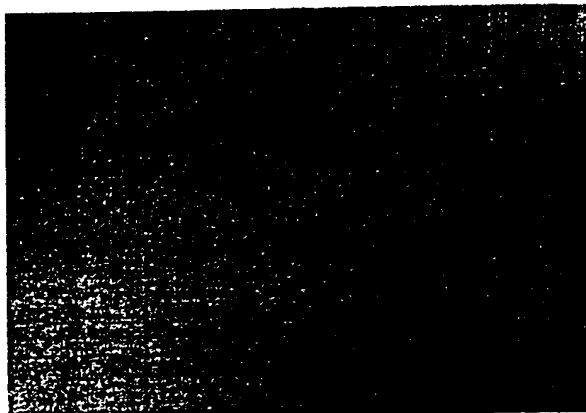
RAJI CELL ARRAY: B-cell Burkitt's Lymphoma
Nomarski images



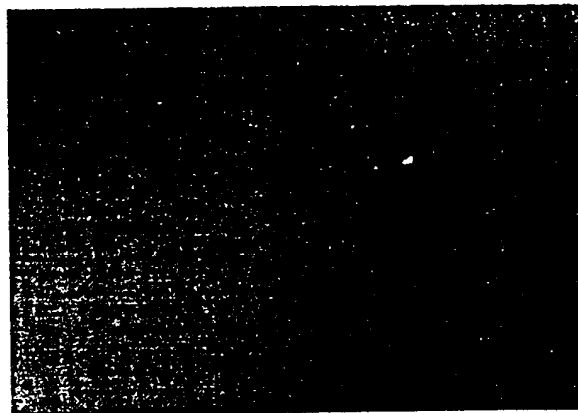
CD3 antibody dot is negative.



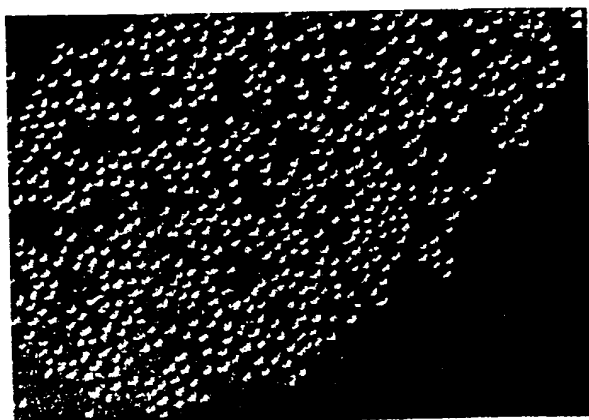
CD4 antibody dot is negative.



CD8 antibody dot is negative.



CD14 antibody dot is negative.

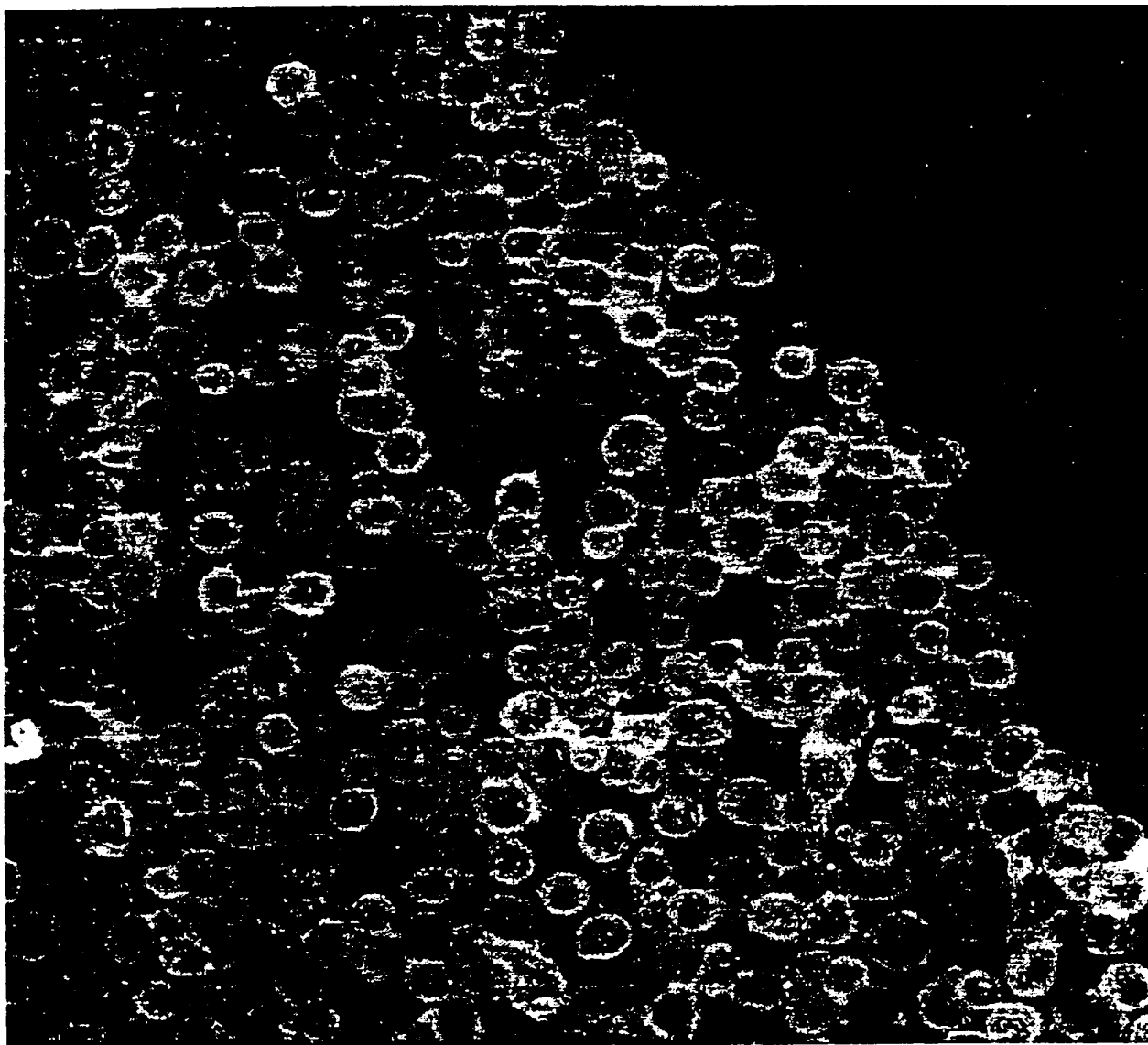


CD19 antibody dot binding
CD19+ cells.



CD56 antibody dot is negative.
mag. x 20

Figure 5b



CCRF-CEM cells bound to a CD4 antibody dot and labelled with Alexa-488nm conjugated CD45 antibody.

Figure 6

mIgG1	2	3	4	5	7
8	9	10	11b	11c	13
14	15	16	19	20	21
22	23	24	25	33	34
36	37	38	41	42a	44
44 v3-10	44 v6	45	45 RA	45 RO	52
56	57	60	61	71	79a
95	103	117	122	154	GPA
HLA	KOR	FMC7	mIgG2a	mIg2b	mIgM

Figure 7a
SUBSTITUTE SHEET
(RULE 26) RO/AU

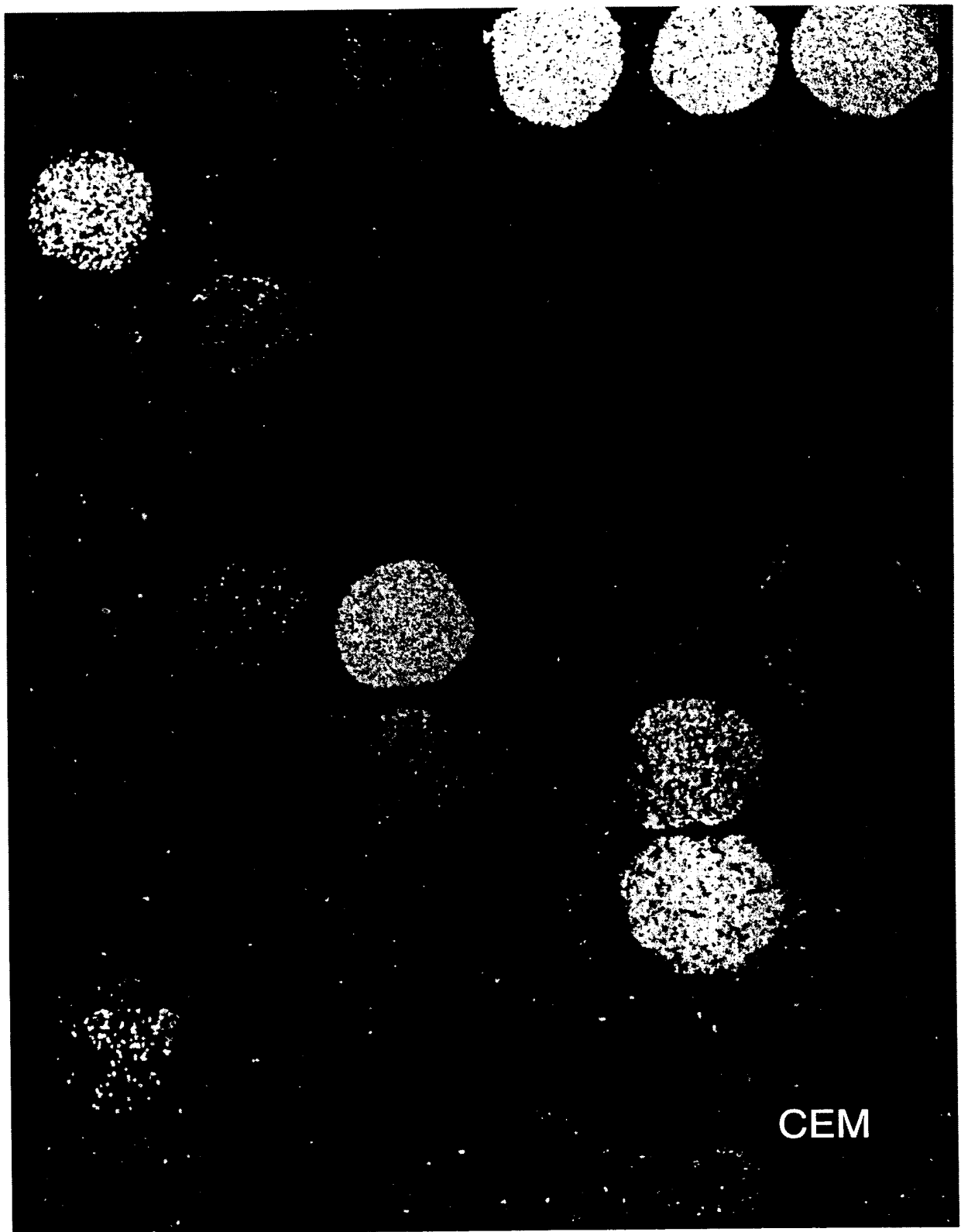


Figure 7b

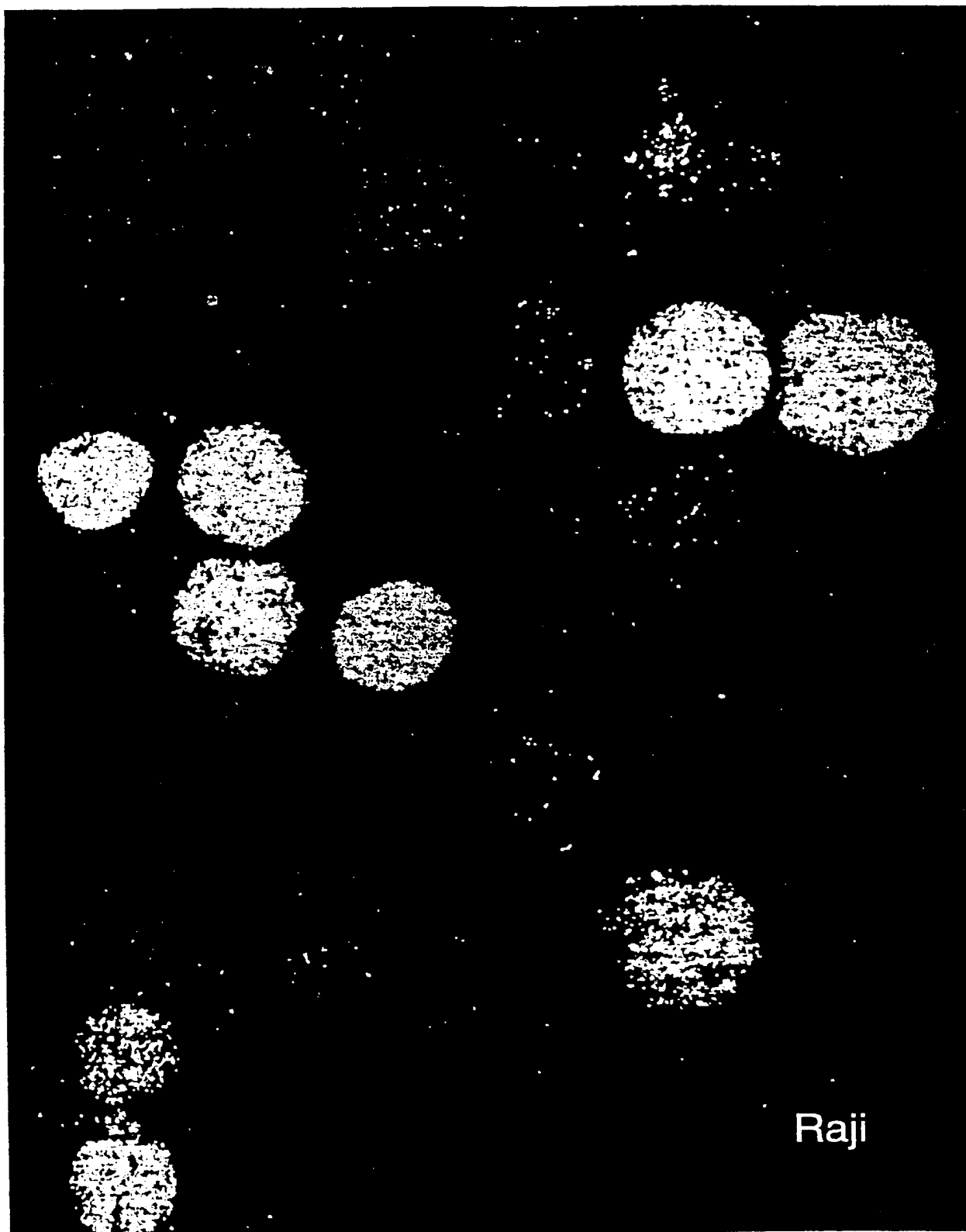


Figure 7c

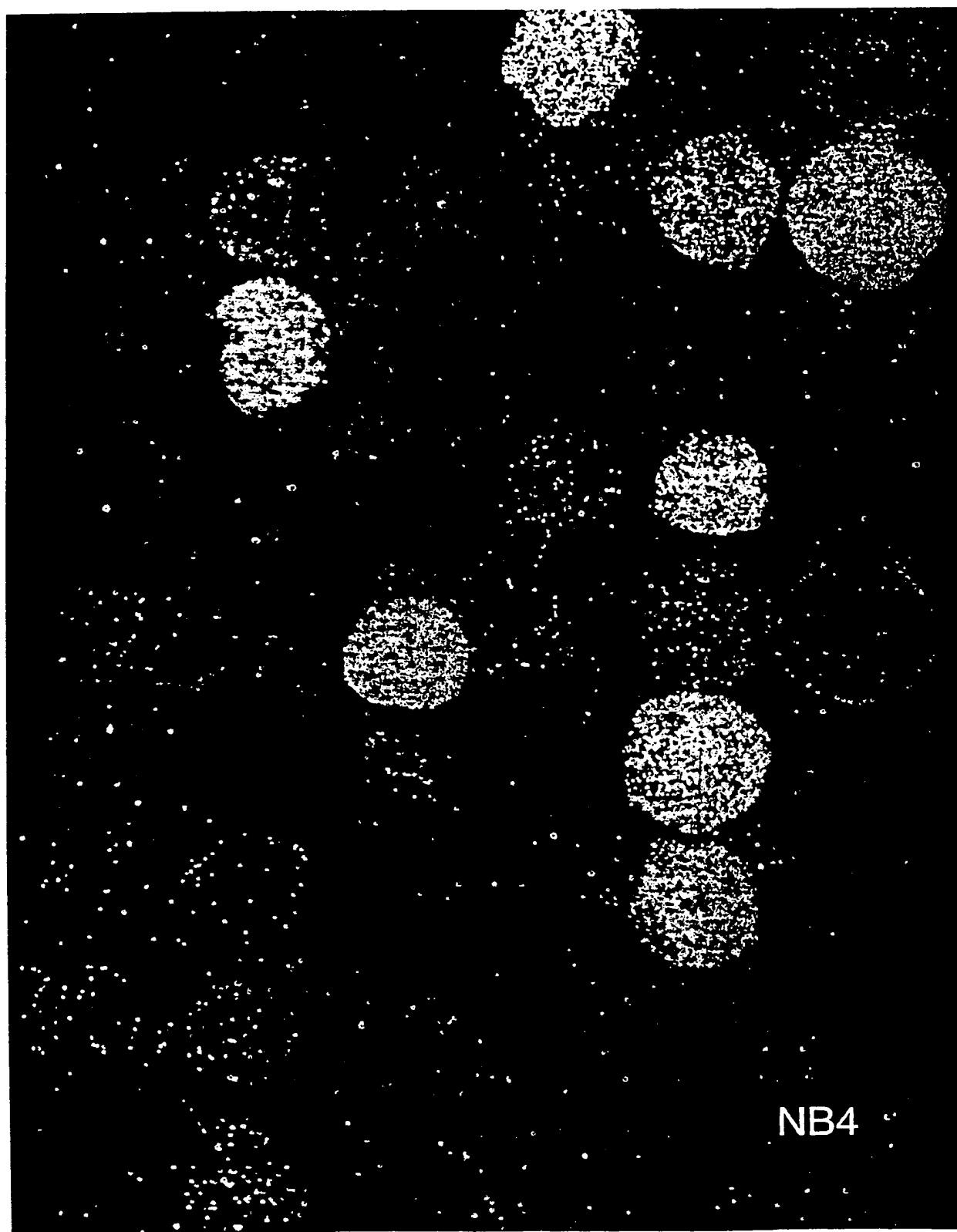


Figure 7d
SUBSTITUTE SHEET
(RULE 26) RO/AU

mIgG1	2	3	4	5	7
8	9	10	11b	11c	13
14	15	16	19	20	21
22	23	24	25	33	34
36	37	38	41	42a	44
44 v3-10	44 v6	45	45 RA	45 RO	52
56	57	60	61	64	71
79a	79b	80	95	103	117
122	134	138	154	Kappa	Lambda
GPA	HLA	KOR	FMC7	Anti-Ig	IgG2a

Figure 8a

SUBSTITUTE SHEET
(RULE 26) RO/AU

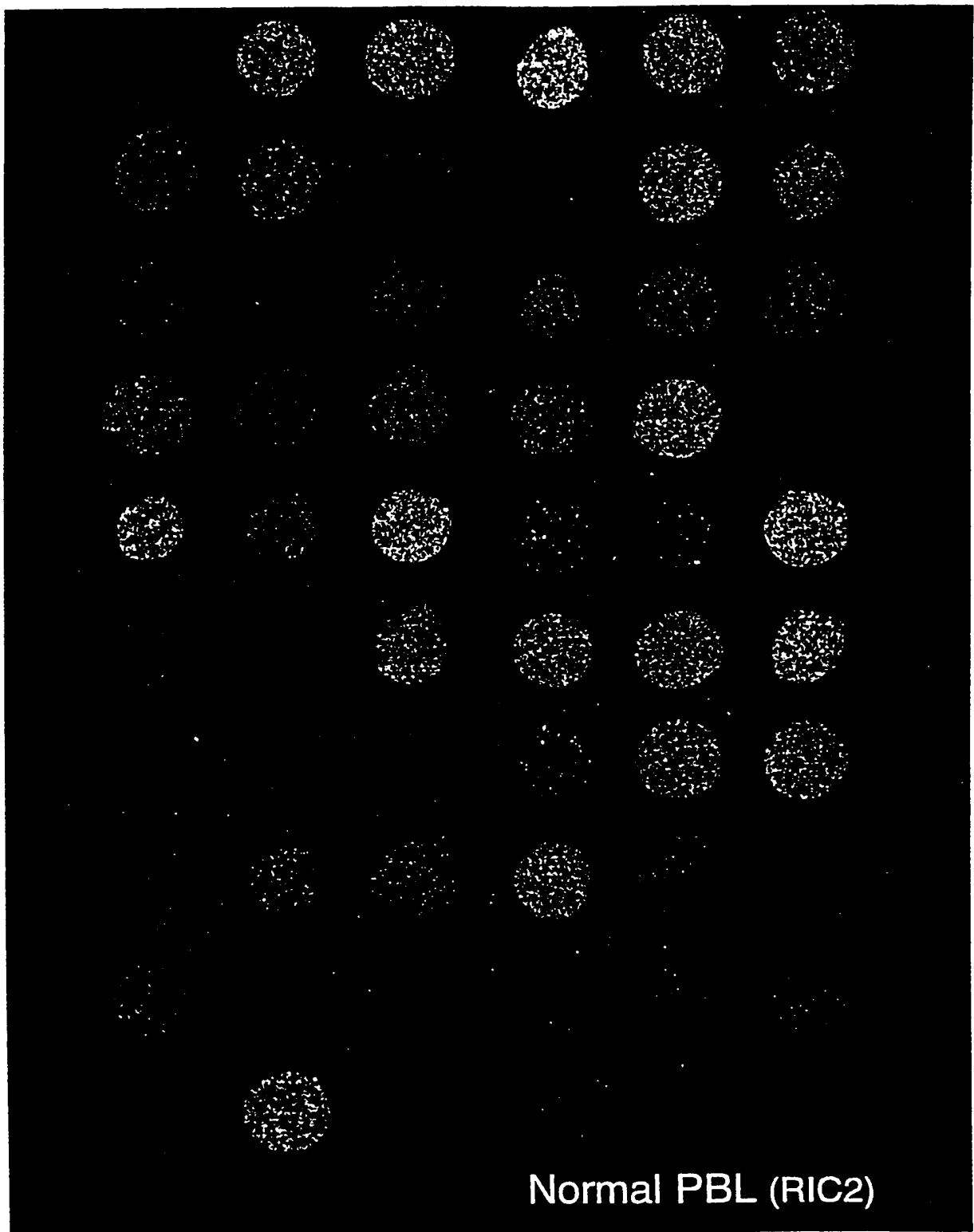


Figure 8b

SUBSTITUTE SHEET
(RULE 26) RO/AU

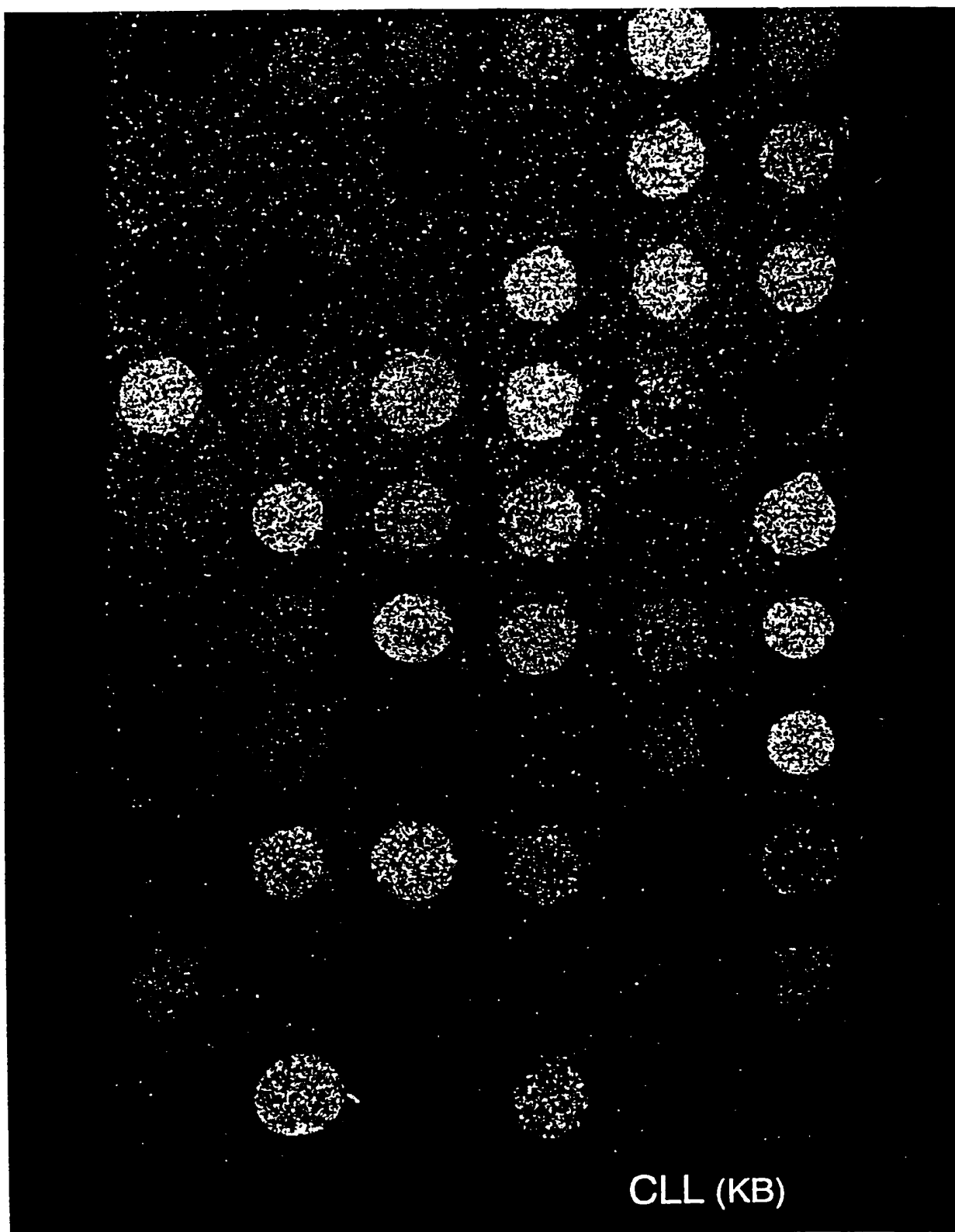


Figure 8c
SUBSTITUTE SHEET
(RULE 26) RO/AU

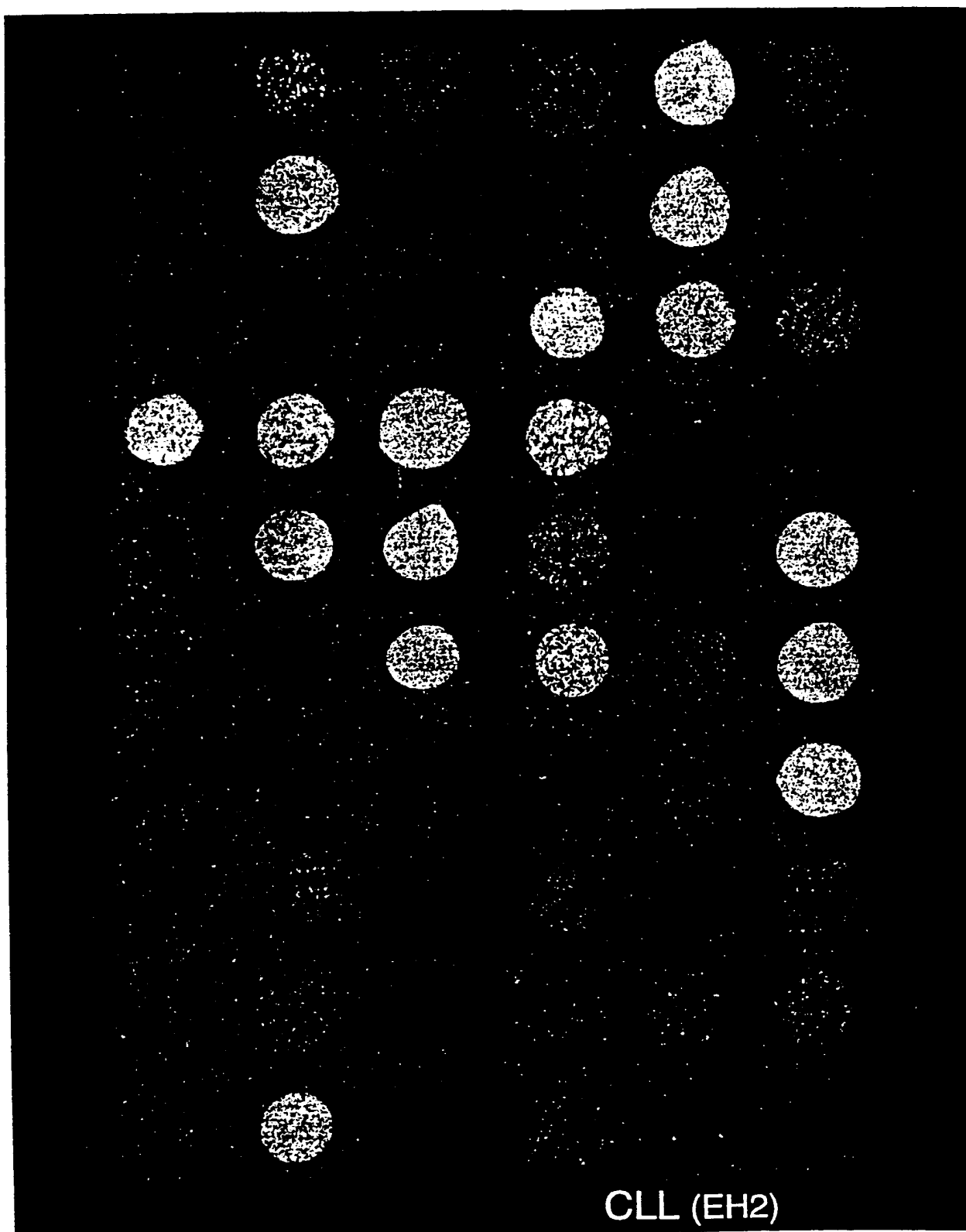


Figure 8d

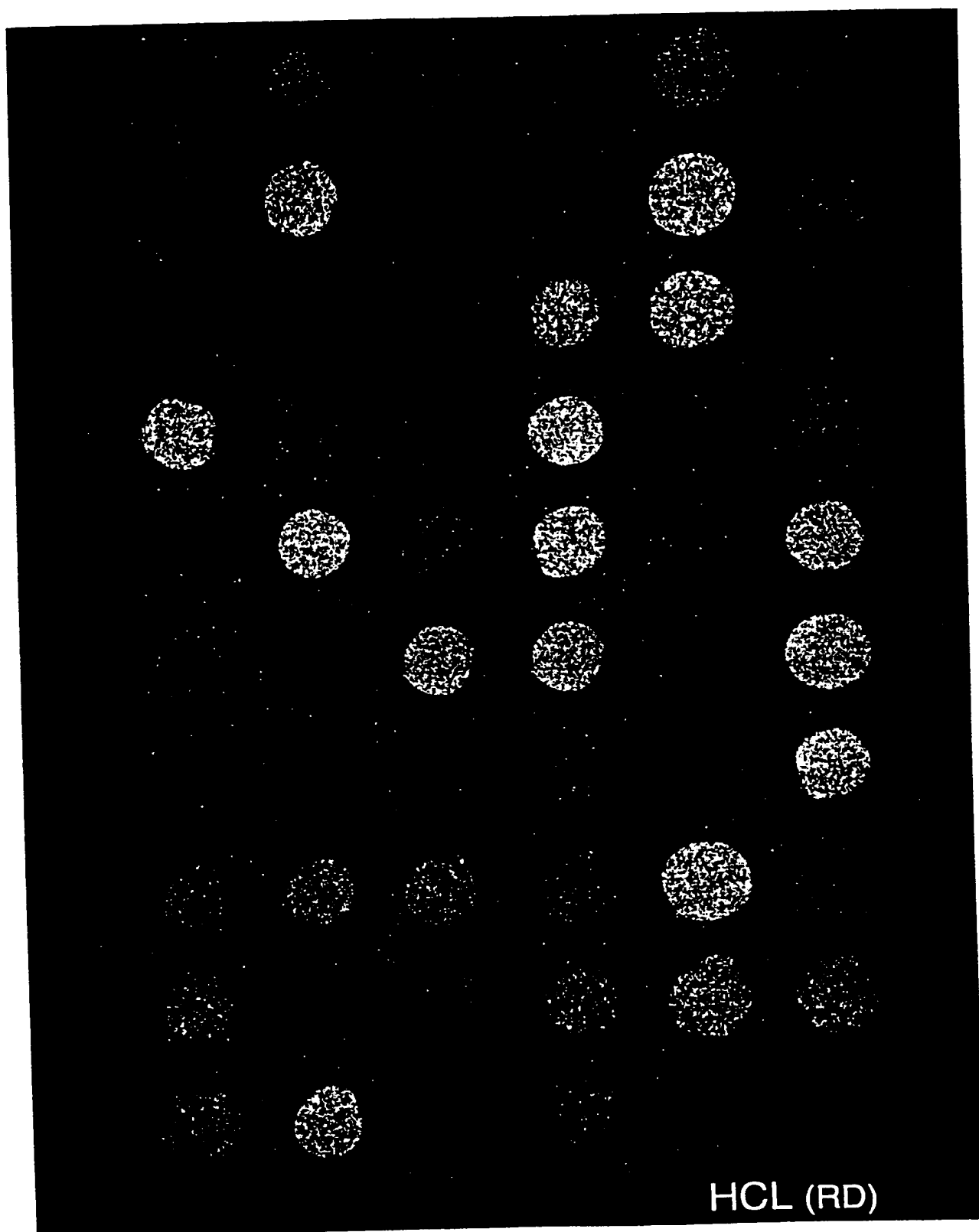


Figure 8e

SUBSTITUTE SHEET
(RULE 26) RO/AU

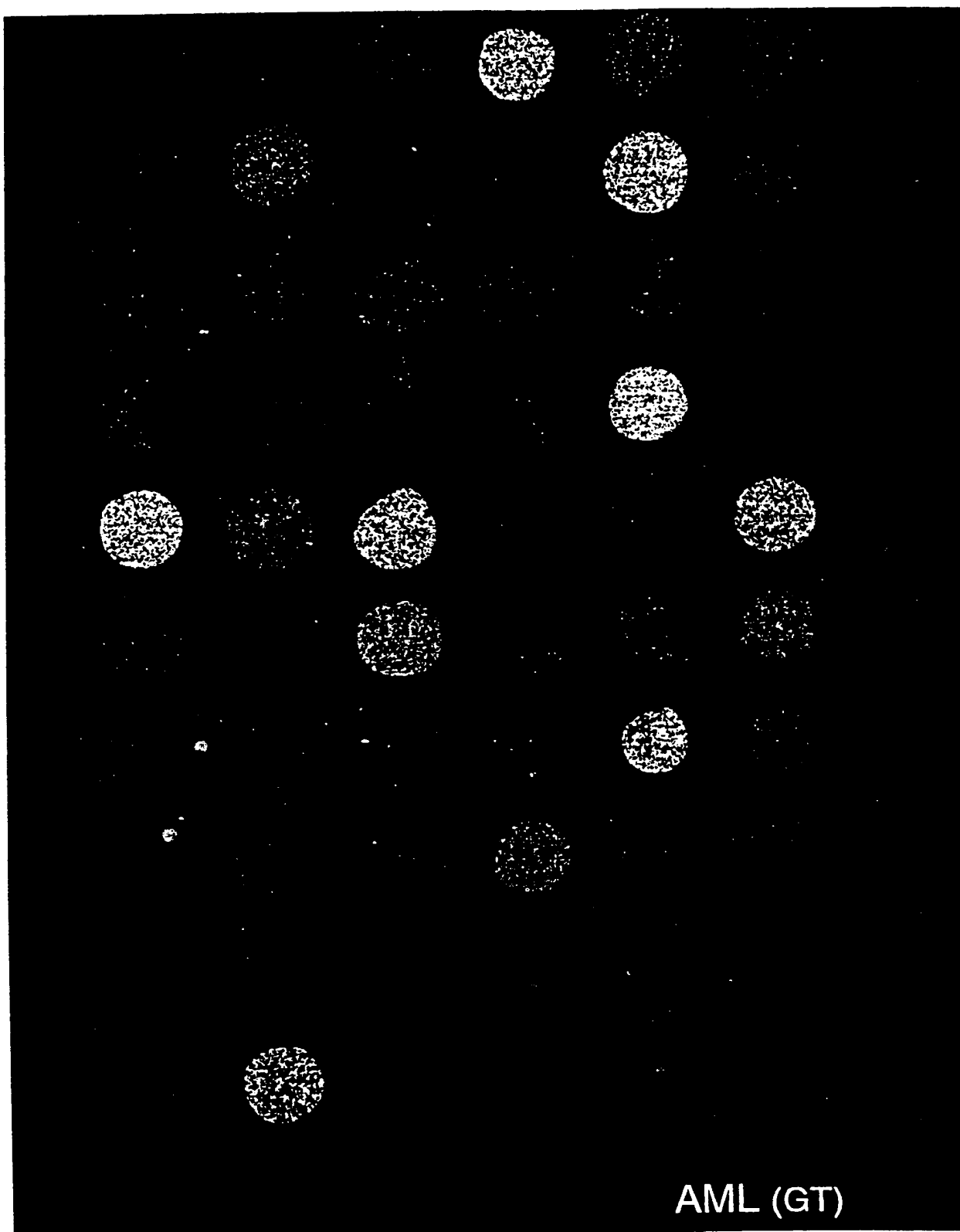


Figure 8f

SUBSTITUTE SHEET
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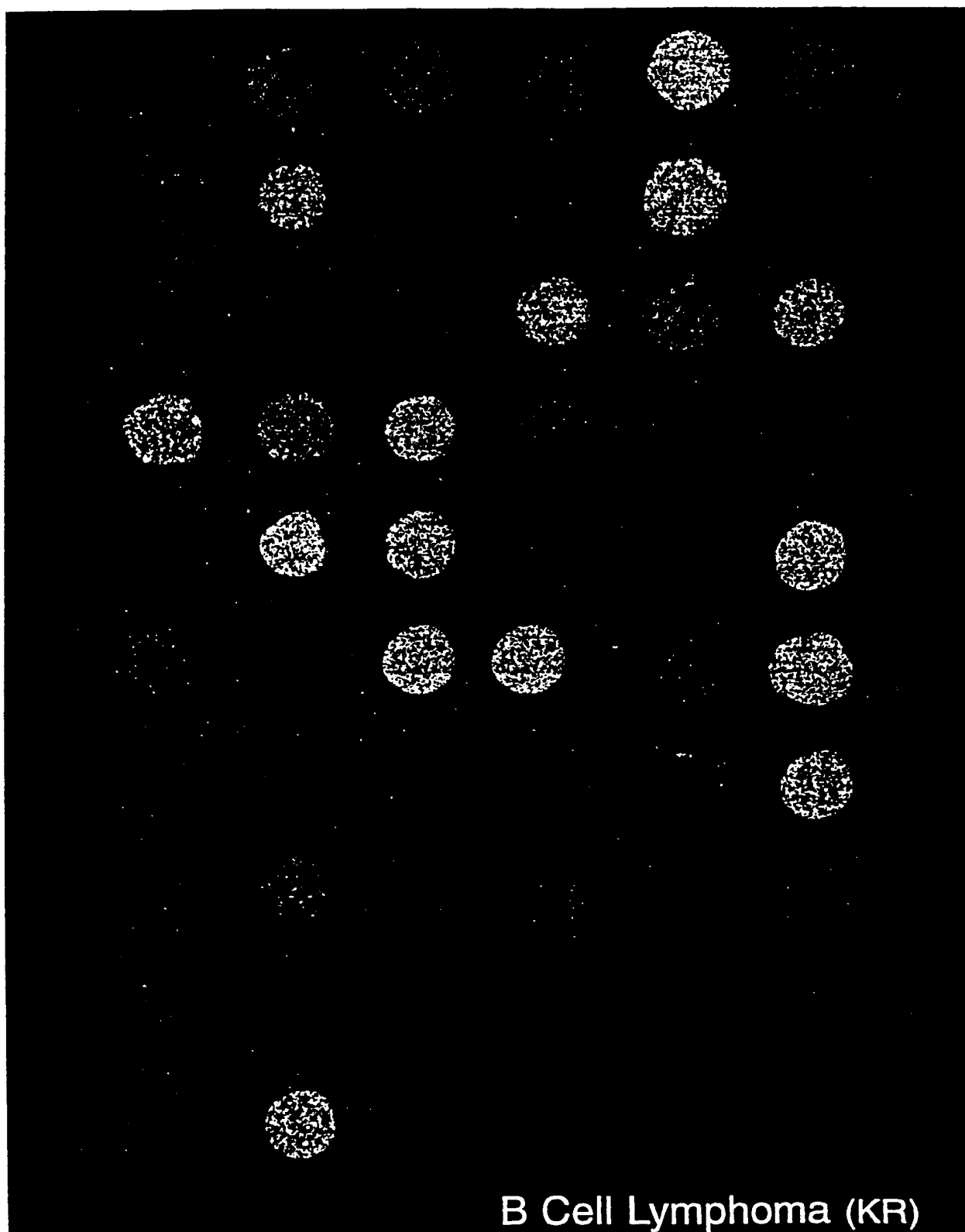


Figure 8g

SUBSTITUTE SHEET
(RULE 26) RO/AU

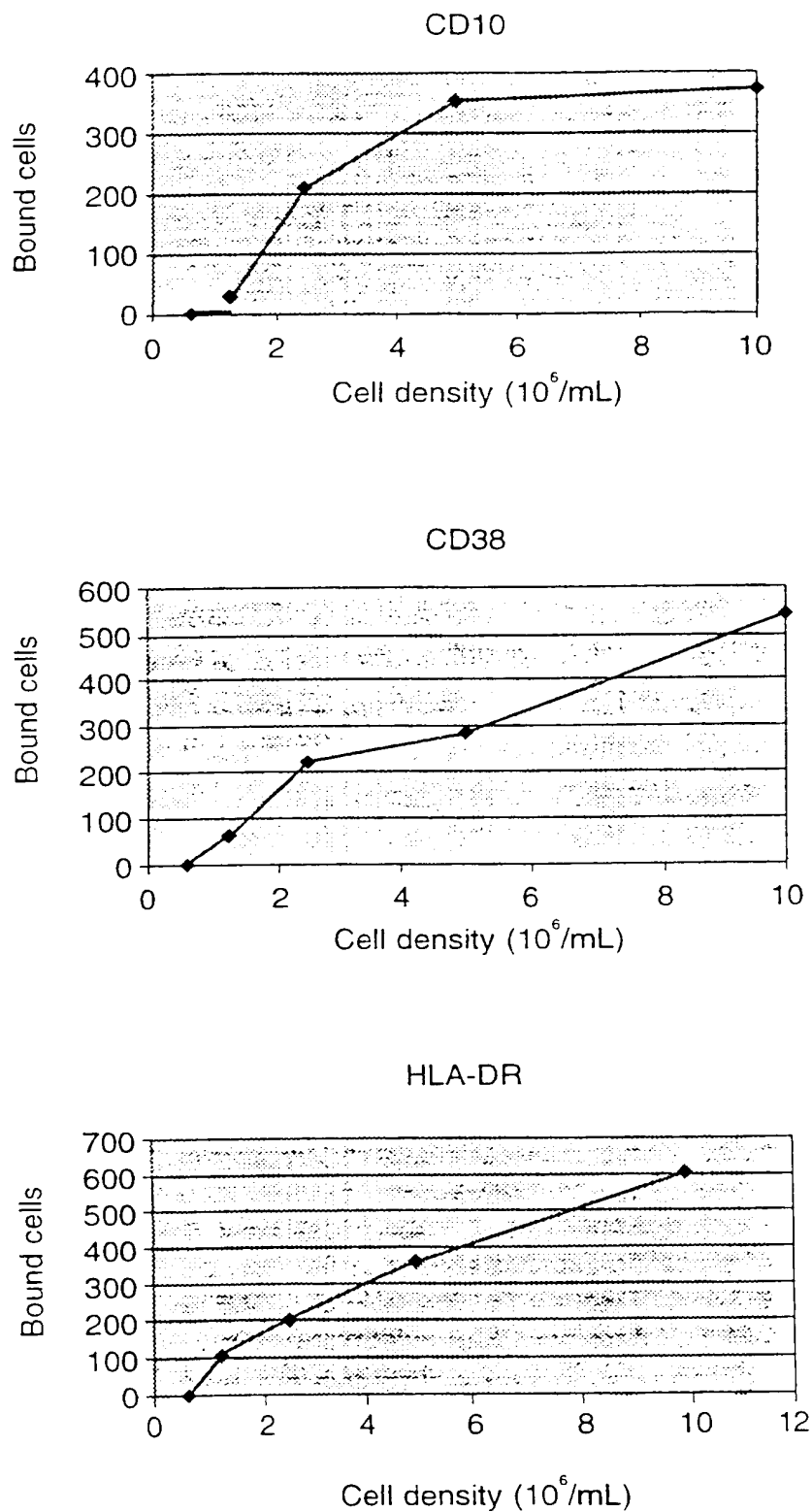


Figure 9

SUBSTITUTE SHEET
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24/24

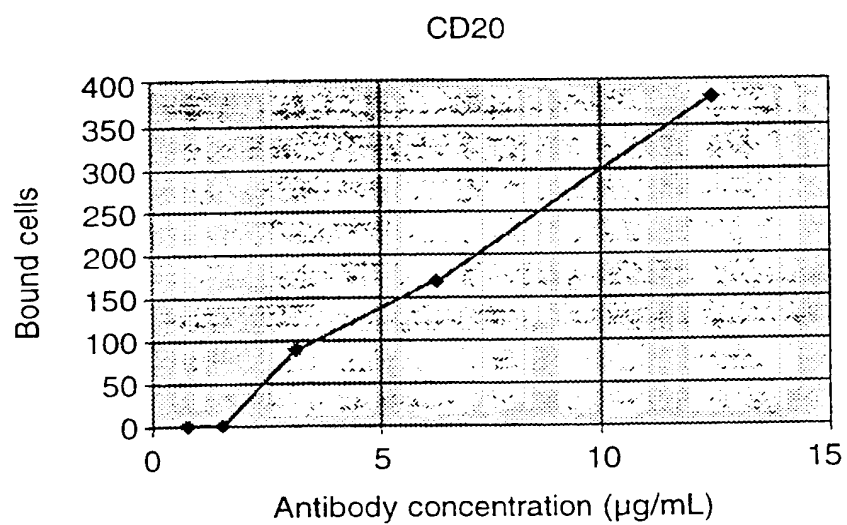


Figure 10